

## BIOGRAPHICAL SKETCH

**NAME:** **Adriana J. LaGier, Ph.D.**

**AGENCY:** **U.S. Environmental Protection Agency**  
**Office of Research and Development**  
**National Health & Environmental Effect Laboratory**  
**Environmental Toxicology Division**  
**Pulmonary Toxicology Branch**

**POSITION TITLE:** **R-authority Postdoctoral Fellow**

### EDUCATION/TRAINING

Institution	Degree	Year	Field of Study
Florida State University, Tallahassee, FL	BS	1989	Biology
Florida International University, Miami, FL	MS	1994	Biology
Brown University, Providence, RI	PhD	2000	Biology
Yale University, New Haven, CT	Post-doc	2000-2002	Immunology
Centers for Disease Control, FL	Post-doc	2002-2003	Molecular Biology
Bascom Palmer Eye Institute, Miami, FL	Post-doc	2004-2006	Ophthalmology
Environmental Protection Agency	Post-doc	2006-	Toxicology

### PROFESSIONAL EXPERIENCE:

1991-1994 Graduate Teaching Assistant in Biological Sciences, **Florida International University**, Miami, FL

1995-2000 Graduate Research Assistant in Pathobiology, **Brown University**, Providence, RI

2000-2002 Postdoctoral Research Fellow in Immunology, **Yale University**, New Haven, CT

2002-2003 Emerging Infectious Disease Research Fellow and BioWatch Coordinator in Molecular Biology, **Centers for Disease Control**, Association of Public Health Laboratories, Department of Homeland Security, Florida Department of Health, Miami, FL

2004-2006 Senior Postdoctoral Research Associate of Ophthalmology, **Bascom Palmer Eye Institute, University of Miami Miller School of Medicine**, Miami FL

2006- R-authority Postdoctoral Fellow of Toxicology, **United States Environmental Protection Agency**, Research Triangle Park, NC

### PROFESSIONAL SOCIETIES:

Society for Leukocyte Biology, member, 1998-present

Sigma Xi Research Society, full member, 1998-present

American Society for Investigative Pathology, member, 2000-2002

Association for Research in Vision and Ophthalmology, member, 2004-2006

Society of Toxicology, North Carolina chapter, member, 2007-present

### **SELECTED AWARDS AND HONORS:**

NIEHS Grant in Environmental Pathology Training (1995-1998)  
National Institute of Health Grant in Pathology Training (2001)  
National Institute of Health Grant in Immunobiology Training (2002)  
CDC/APHL Post-doctoral Research Fellowship (2002)  
National Institute of Health, National Eye Institute Travel Grant (2005)  
National Institute of Health Travel Grant (2005)  
Bascom Palmer Eye Institute Junior Faculty Development Grant (2005)  
US-EPA “S” award for creating “comparability of sources” team room (2007)  
US-EPA “T” award for exemplary finding on QA audit (2007)

### **INVITED LECTURES/SYMPOSIA:**

Florida State Regional Epidemiology Symposium, Miami, FL (2003)  
Florida Coalition of Professional Lab Organizations Conference, Miami, FL (2003)  
Association for Research in Vision and Ophthalmology Conference, Ft. Lauderdale, FL (2005)  
Association for Research in Vision and Ophthalmology Conference, Ft. Lauderdale, FL (2006)  
Visiting Pulmonary Scholars Seminar Series, Chapel Hill, NC (2008)

### **ASSISTANCE/LEADERSHIP PROVIDED TO THE SCIENTIFIC COMMUNITY:**

Ad hoc Reviewer for *Investigative Ophthalmology & Visual Sciences*, 2005-present  
Ad hoc Reviewer for *Experimental Eye Research*, 2005  
Ad hoc Reviewer for *Histology and Histopathology*, 2006  
External Advisor to the Fight for Sight – British Eye Research Foundation grant proposals, 2006  
Sally Ride Science Festival, Meredith College – scientific workshop presenter, 2007

### **ASSISTANCE/LEADERSHIP PROVIDED TO THE AGENCY:**

Member Federal Women’s Program, “Women’s History Month” planning committee, 2007  
Facilitator “Comparability of Sources” Team Room, 2007  
Member ETD Holiday Party planning committee, 2007

### **PUBLICATIONS:**

**Meszaros, A.** and C. Bigger (1999) Qualitative and quantitative study of wound healing processes in the Coelenterate, *Plexaurella fusifera*: spatial, temporal, and environmental (light attenuation) influences. *J. Invertebrate Pathology* 73:321-331.

**Meszaros, A.J.**, Reichner, J.S. and J.E. Albina (1999) Macrophage phagocytosis of wound neutrophils. *Journal of Leukocyte Biology* 65:35-42.

**Meszaros, A.J.**, Reichner, J.S. and J.E. Albina (2000) Macrophage-induced neutrophil apoptosis. *Journal of Immunology* 165:435-441.

**LaGier, A.J.** and J.S. Pober (2006) Immune accessory function of human endothelial cells are modulated by overexpression of B7-H1 (PDL1). *Human Immunology* 67(8):568-578.

**LaGier, A.J.**, Yoo, S.H., Alfonso, E.C., Meiners, S.A. and M.E. Fini (2007) Inhibition of TGF-beta2 in corneal epithelial cells by complex matrix: a potential mechanism for controlling corneal repair quality. *Investigative Ophthalmology and Visual Sciences* 48(3):1061-1071.